

Weekly Highlights (March 12 through March 18, 2012)

Task Order 0041, Analytical and Laboratory Support

TDF 02081 – Provide Sample Log-in and Other Ancillary Tasks in Support for the Dimock Residential Groundwater Site (Fast Turnaround Time Analyses), assigned 2/15/12, due 9/30/12 – ESAT was assigned the task of performing sample log-in, sample processing support, and ancillary tasks (e.g., glassware washing, reagent prep, etc.) to support the analytical tasks for this Superfund site. In addition, ESAT may be required to provide sample preparation support. ESAT will be notified if this latter support is needed. Glassware washing activities were conducted this week.

ESAT Chemist **Ex. 4 - CBI** received and installed the electron multiplier component and replaced some source components on the Agilent GC/MS located in Room H207 this week. The functionality of the instrument has been restored. No impact on the timeliness of data deliverables relative to air analyses and this instrument were noted during this time.

The Entech component of the Agilent GC/MS located in Room H202 requires a replacement part for one of the traps. The instrument is currently inoperable. No impact on the timeliness of deliverables is noted at this time.

March 12 through March 18, 2012

Task Order Ex. 4 - CBI

Task 1 - Analytical and Laboratory Support - Site Specific

WO#	TDF	Site / Request #	Samples / Matrix	Assigned	Due	Submitted	Accepted	Status
Ex. 4 - CBI	Ex. 4 - CBI	non-responsive	3 Air, TO-15	2/16/12	P: 2/21/12 F: 2/28/12	P: 2/14/12 F: 2/27/12	2/28/12	The final report was consolidated 2/28/12. Three samples were received 1/31/12. Originally assigned as TO 0036, TDF 01078.
Ex. 4 - CBI	Ex. 4 - CBI	non-responsive	4 Air, TO-15	2/22/12	3/28/12	3/6/12	3/7/12	The final report was consolidated 3/7/12. Four samples were received 2/22/12.
Ex. 4 - CBI	Ex. 4 - CBI	non-responsive	3 Air, TO-15	2/24/12	P: 3/16/12 F: 3/23/12	P: 3/9/12 F: 3/9/12	3/12/12	The final report was consolidated 3/12/12. Three samples were received 2/24/12.
Ex. 4 - CBI	Ex. 4 - CBI	non-responsive	16 Air, TO-15	2/27/12	P1: 3/19/12 P2: 3/23/12 P3: 3/29/12 P4: 4/4/12 F: 4/9/12	P: Pending F:		Four samples were received 2/27/12. Additional samples were received 3/2/12 (four samples), 3/8/12 (four samples) and 3/14/12 (four samples). Sample analyses are currently in progress.
Ex. 4 - CBI	Ex. 4 - CBI	non-responsive	9 Air, TO-15	3/12/12	4/6/12	Pending		Nine samples were received 3/9/12. An additional six samples were received 3/13/12. Sample analyses are currently pending.
Ex. 4 - CBI	Ex. 4 - CBI	non-responsive	4 Air, TO-15	3/15/12	4/19/12	Pending		Four samples were received 3/15/12. Sample analyses are currently pending.







P = Preliminary report, F = Final report

Task Orders 0036 & 0041
Analytical and Laboratory Support – Non-Site Specific

Task	Description	Activity	
2	Instrument Maintenance	See Weekly Highlights above for comments relative to the Agilent GC/MS instruments located in Rooms H202 and H207. All additional instruments were fully functional.	
3	Sample Custody	New Requests	No new requests were accepted for ESAT this week.
		Canister Deliveries	Evacuated canisters were shipped this week for non-responsive Non-responsive Evacuated canisters are scheduled to be shipped next week for non-responsive
		ESAT Sample Receipt	ESAT samples were received this week for Non-responsive
		EPA Sample Receipt	No EPA Superfund samples were received by ESAT this week.
		Report Consolidation	The final report was consolidated this week for Non-responsive Non-responsive
4	Glassware Cleaning and Lab Cleanliness	Both glassware washing units and both oven were fully functional.	
5	Reagents and Supplies	The weekly chemical inventory was completed 3/15/12, and the report was submitted to the PO.	

March 12 through March 18, 2012

Task Orders **Ex. 4 - CBI**
Analytical and Laboratory Support – Non-Site Specific

Task	Description	Activity
	Lab Safety	ESAT Chemist Ex. 4 - CBI attended the ESC Waste Committee Meeting held 3/15/12 in the V/T Conference Room.
	Review SOPs and Guidance Documents	ESAT is reviewing SOP R3QA051-011812, Sample Receipt, Log-In, Chain of Custody, and Disposal Procedures.
	New Capabilities/Method Development	<p>TO  / TDF Ex. 4 - CBI, TO-15 Pilot Study – Draft/Verbal Technical Direction, Assigned 3/17/11, Various Interim Due Dates (Final Report Due 6/30/11) – As a result of the TO- Pilot Study Conference Call held 3/14/11, ESAT was assigned to complete the tasks listed below, which have been completed:</p> <ul style="list-style-type: none">• Prepare a set of test bottles (1 under vacuum and 1 without vacuum) and a micro vacuum gauge with one connector for field samplers to utilize / test sample collection procedures for the Air Pilot Study by the end of the week. Sample containers shall be shipped in a shipping case.• Field Sampler will test on Friday and provide feedback / results of testing bottles.• Check with Entech to determine how existing sampling line would connect to the bottles for field sampling.• Prepare canisters (1 per location / sample station) and sample bottles (2 per station location / sample station). In addition, include a return shipping label/UPS air bill to be sent to the field samplers for sampling the first full week of April (4/4/11 thru 4/8/11) for the April sampling. Two stations were selected at the Non-responsive for the air pilot study: WSINFA and WSCARBA. <p>The analyses of air samples have been completed for the Summa canisters and amber bottles, received from the Non-responsive under Ex. 4 - CBI. A report containing a review and comparison of the results obtained from these analyses was submitted 7/13/11. The report was returned to ESAT and we are currently awaiting a feedback form from the sampler. The return of the micro-vacuum gauge is also currently pending.</p>
	Quality Assurance Compliance and Documentation	No documents were received by ESAT for login this week.